

CLAIMS

1. A measuring device (16; 40) comprising means (16; 16') for measuring models for fabrication of dental fittings involving the production of a three-dimensional data set as template for three-dimensional machining of a workpiece (11), characterized in that said measuring means (16; 16') are also adapted for the recognition of an identifier providing information on said workpiece.
2. A measuring device as defined in claim 1, characterized in that said means for the recognition of an identifier comprise a sensor adapted to recognize an identifier in the form of differences in brightness located on said workpiece.
3. A measuring device as defined in claim 1, characterized in that said means for the recognition of an identifier comprise a sensor adapted to recognize an identifier in the form of differences in height located on said workpiece.
4. A measuring device as defined in any one of claims 1 to 3, characterized in that said means for the recognition of an identifier comprise a sensor adapted for distance measurement.
5. A measuring device as defined in claim 4, characterized in that the output of said sensor is governed by the intensity and that the variable controlling said output is dependent on the identifier.
6. A measuring device as defined in any one of claims 1 to 5, characterized in that software for the fabrication of the fitting is present and that said software is designed such that the information gained from the identifier will be taken into consideration for computation of the fitting to be fabricated and/or for the control of the machining device and/or will be used for documentation purposes.
7. A measuring device as defined in any one of claims 1 to 6, characterized in that the identifier can be recognized by the measuring device as a bar code.
8. A measuring device as defined in any one of claims 1 to 7, characterized in that said

measuring device (16; 40) forms a component of a machining device for the fabrication of dental fittings from a workpiece (11), which machining device has a workholding device (13; 31) for said workpiece (11), which workholding device is also adapted to accommodate a model to be mapped or possesses another workholding device for this purpose, wherein an identifier (22) containing information on said workpiece (11) is provided on said workpiece (11) or said workpiece holder (12) and recognition of said identifier workpiece (11) held in said workholding device (13, 31) is effected by means of said measuring device.

9. A measuring device as defined in claim 8, characterized in that said measuring device is removably mounted in the machining device for the purpose of measuring a model and for recognizing said identifier.

10. A machining device for the fabrication of dental fittings from a workpiece (11), comprising a workholding device (13; 31) for said workpiece (11), wherein an identifier (22) with information on said workpiece (11) is provided on said workpiece (11) or a workpiece holder (12), characterized in that means for recognizing said identifier on said workpiece (11) held in said workholding device (13; 31) are provided and a single measuring device (16; 40) as defined in any one of claims 1 to 9 is provided for the purpose of measuring the model and recognizing said identifier.

11. A machining device as defined in claim 10, characterized in that said workholding device (13; 31) is also adapted to accommodate a model to be measured.

12. A machining device as defined in claim 11, characterized in that a holder is provided for releasable accommodation of said measuring device.

13. A machining device as defined in any one of claims 10 to 12, characterized in that software for the fabrication of the fitting is present and that said software is designed such that the information gained from said identifier will be taken into consideration for computation of the fitting to be fabricated and/or for control of said machining device and/or will be used for documentation purposes.